

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045391.D
 Acq On : 21 Mar 2025 16:25
 Operator : JC/MD
 Sample : Q1582-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT191D1-20250314

Quant Time: Mar 21 23:17:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

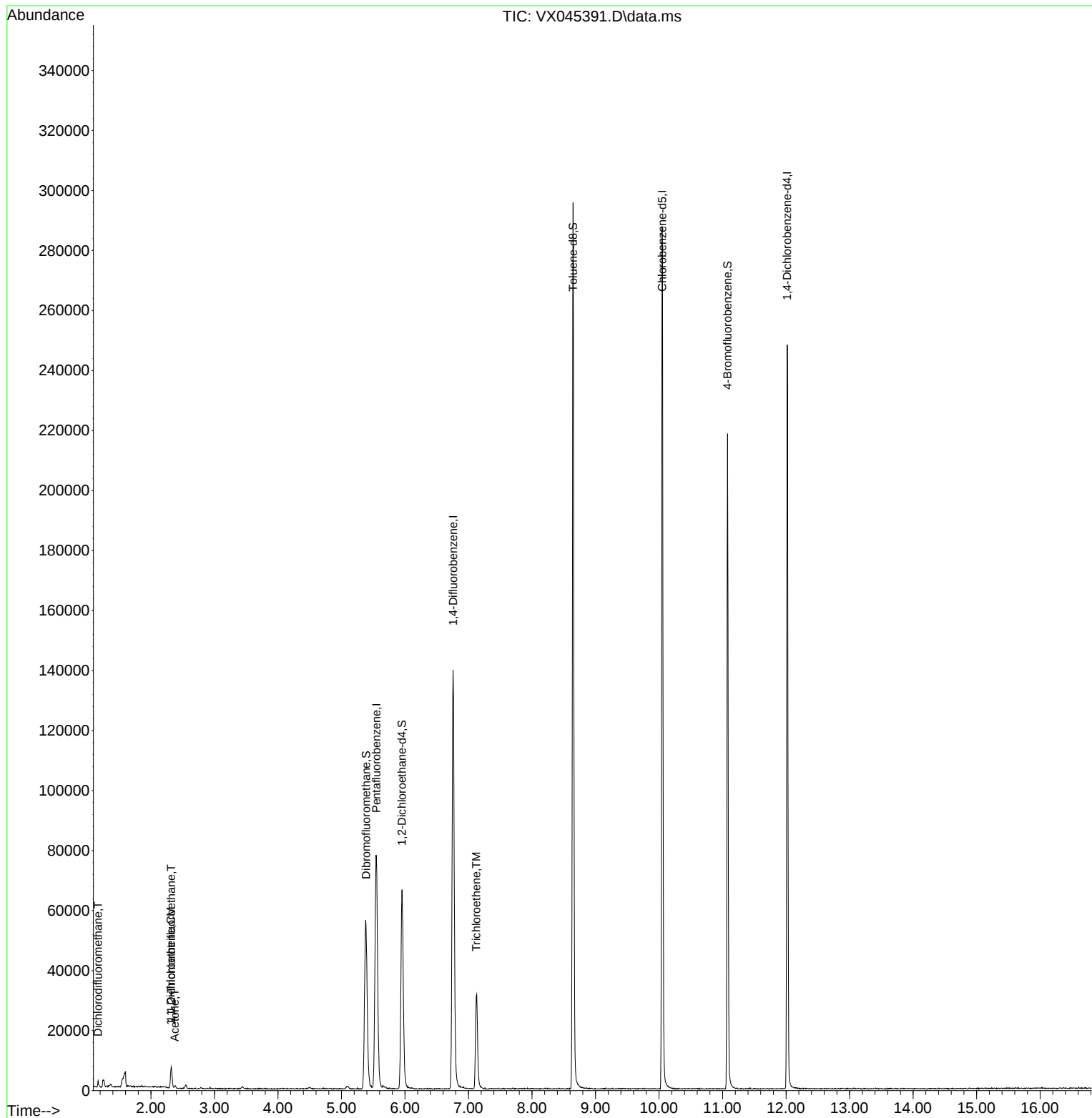
Internal Standards						
1) Pentafluorobenzene	5.550	168	69371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133271	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62859	56.966	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.940%
35) Dibromofluoromethane	5.385	113	48629	54.569	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.140%
50) Toluene-d8	8.647	98	166764	51.618	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.240%
62) 4-Bromofluorobenzene	11.079	95	56902	53.151	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1049	1.201	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	2443	3.030	ug/l	95
12) 1,1-Dichloroethene	2.313	96	769	0.902	ug/l #	83
16) Acetone	2.374	43	1135	2.217	ug/l #	84
44) Trichloroethene	7.123	130	11892	13.123	ug/l	95

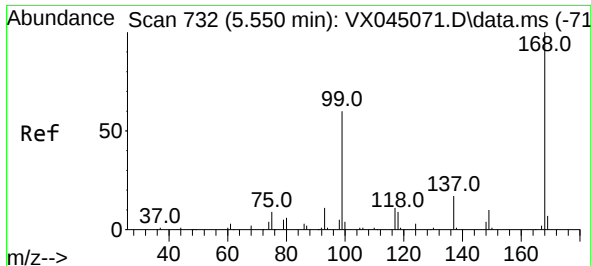
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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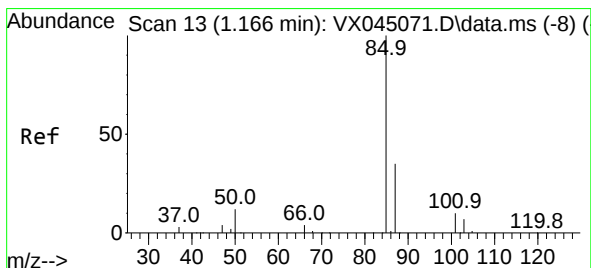
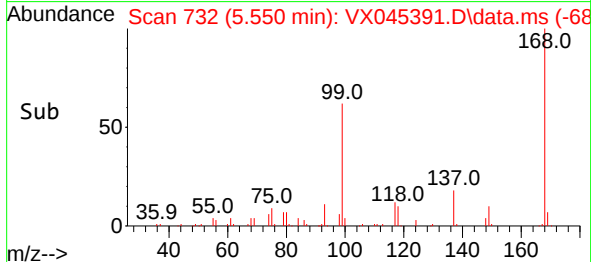
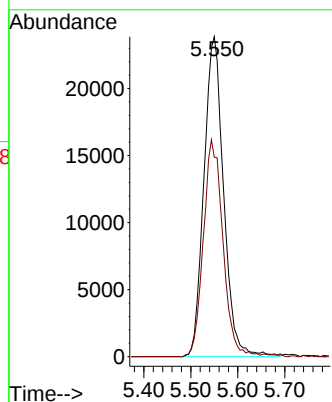
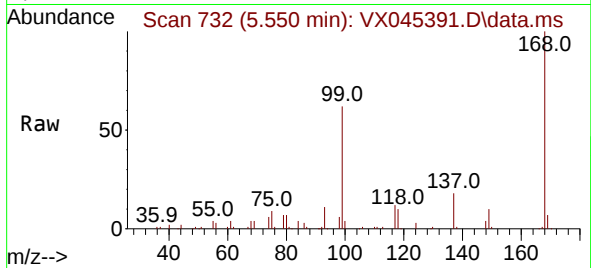




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

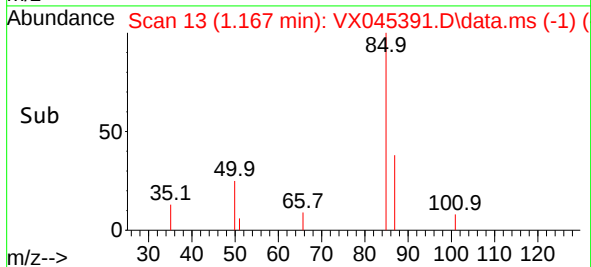
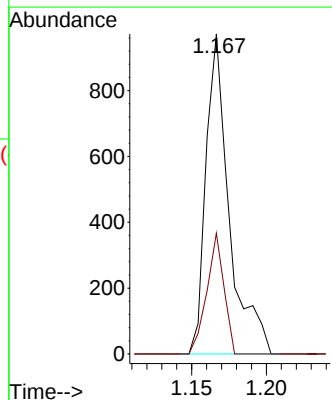
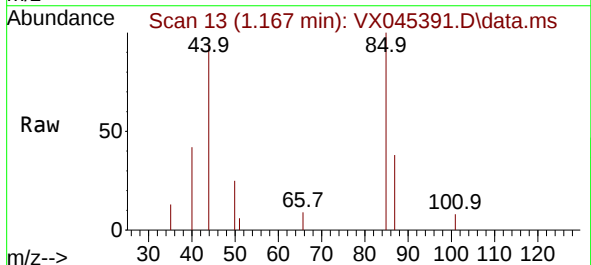
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20250314

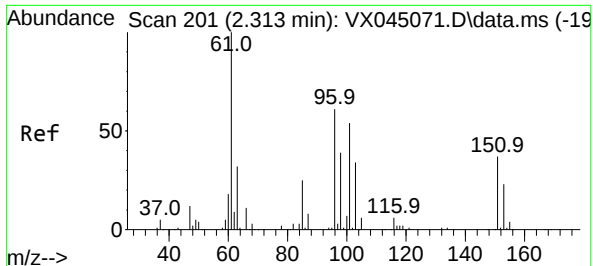
Tgt Ion:168 Resp: 69371
Ion Ratio Lower Upper
168 100
99 62.4 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 1.201 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

Tgt Ion: 85 Resp: 1049
Ion Ratio Lower Upper
85 100
87 37.8 17.4 52.3

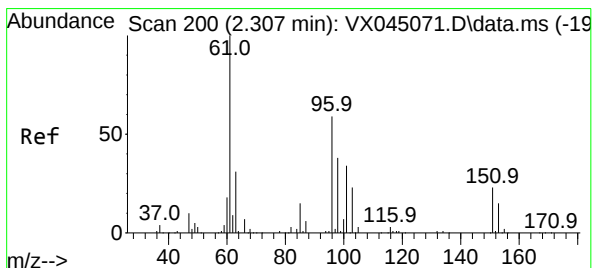
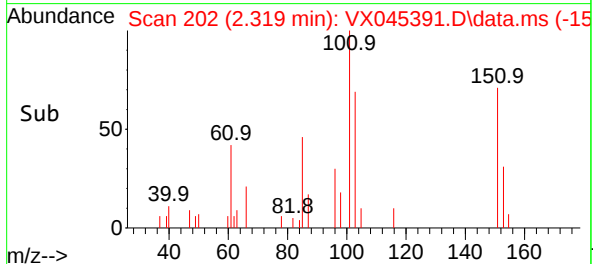
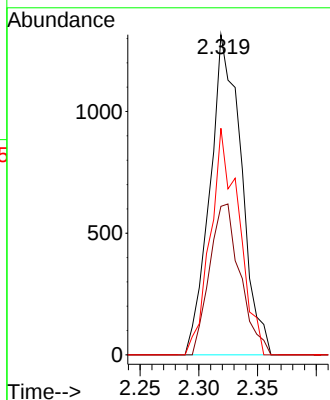
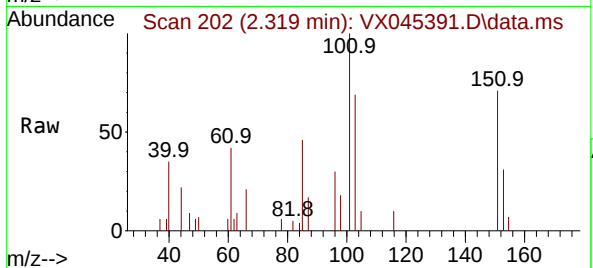




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.030 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

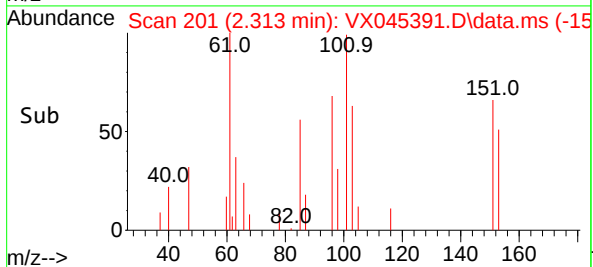
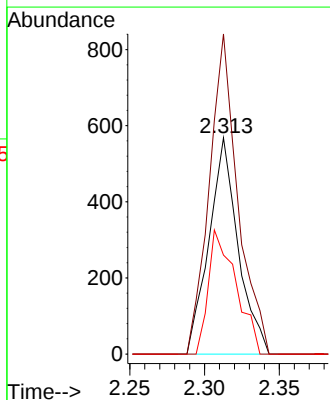
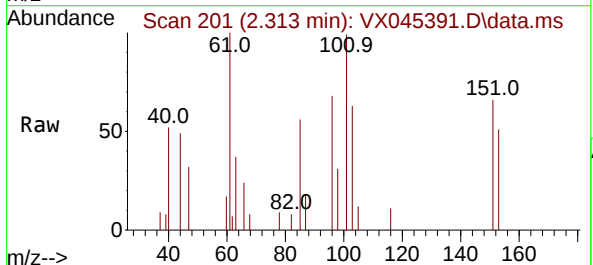
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20250314

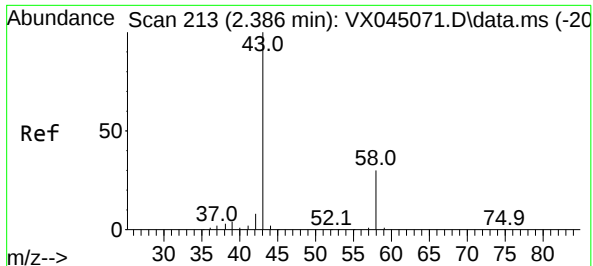
Tgt Ion:101 Resp: 2443
Ion Ratio Lower Upper
101 100
85 46.1 36.2 54.4
151 64.5 56.4 84.6



#12
1,1-Dichloroethene
Concen: 0.902 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

Tgt Ion: 96 Resp: 769
Ion Ratio Lower Upper
96 100
61 148.1 134.6 202.0
98 45.8 51.0 76.6#

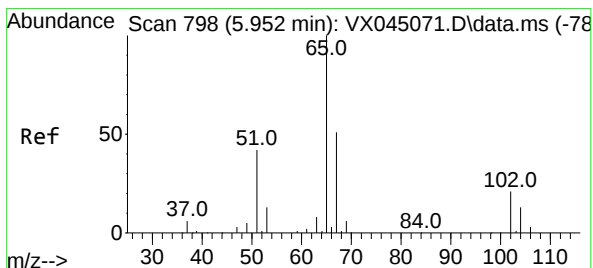
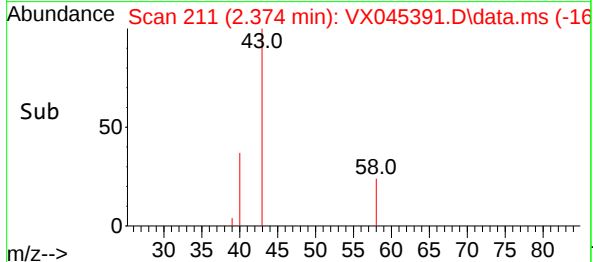
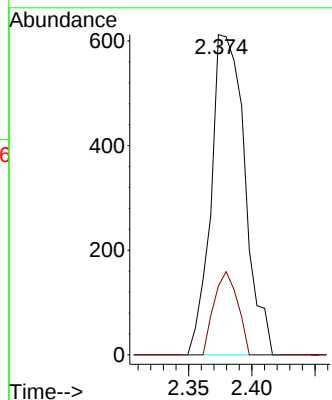
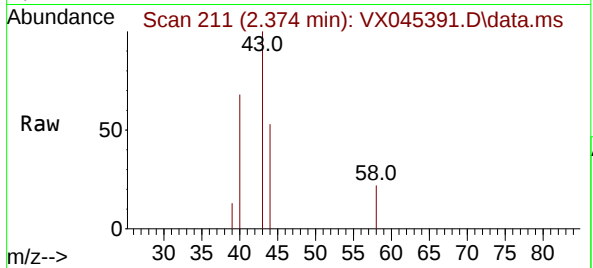




#16
Acetone
Concen: 2.217 ug/l
RT: 2.374 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

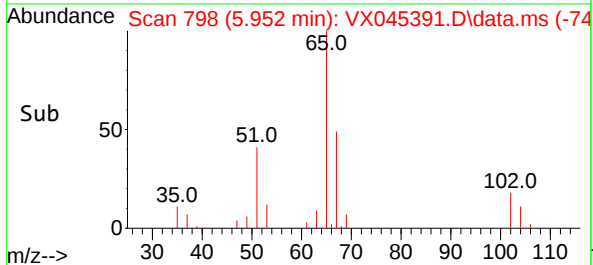
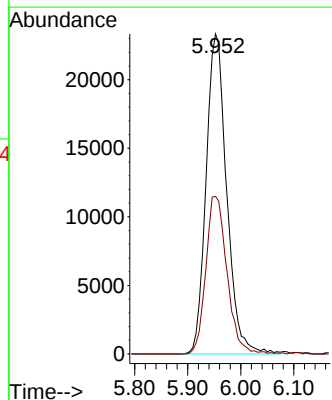
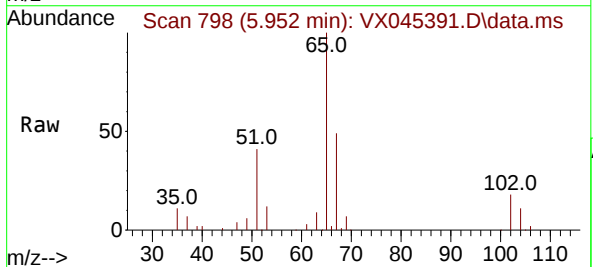
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20250314

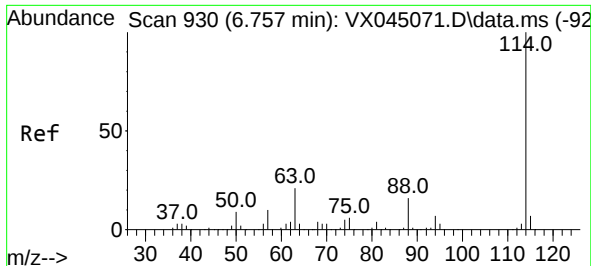
Tgt Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
58 21.6 24.2 36.4#



#33
1,2-Dichloroethane-d4
Concen: 56.966 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

Tgt Ion: 65 Resp: 62859
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.2

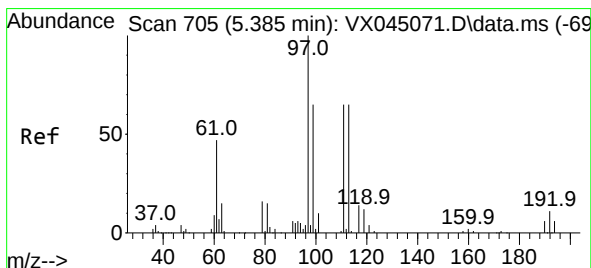
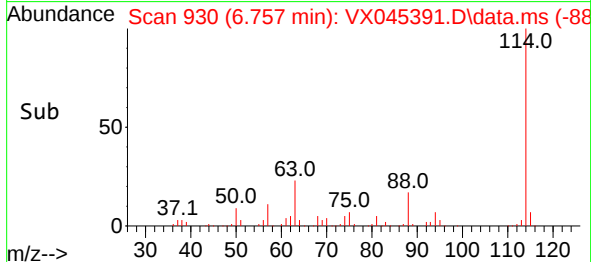
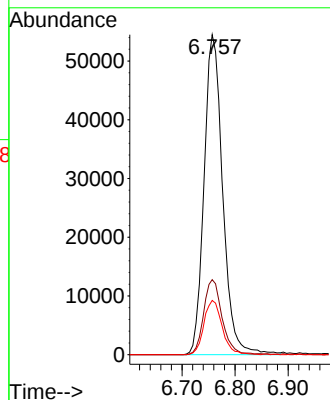
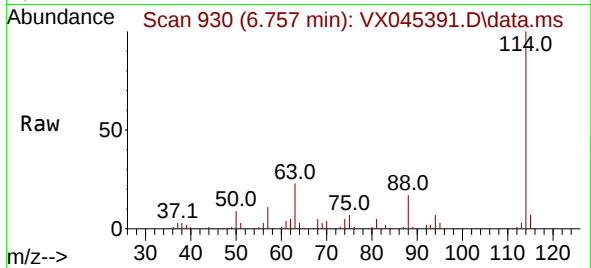




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

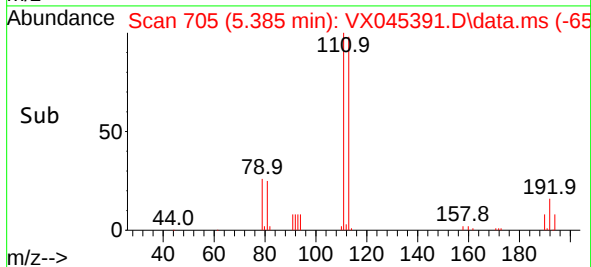
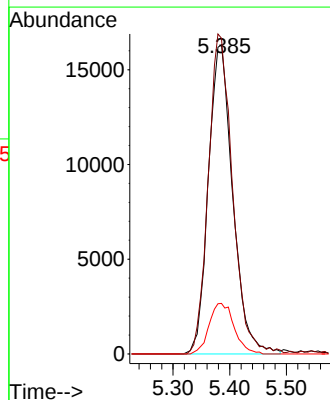
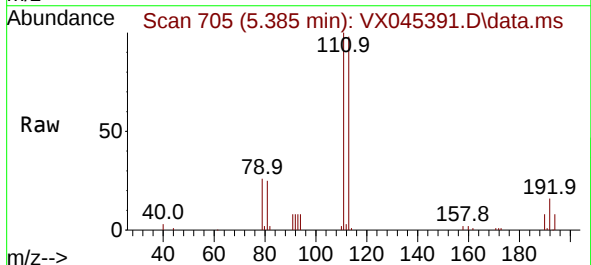
Instrument :
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ClientSampleId :
TT191D1-20250314

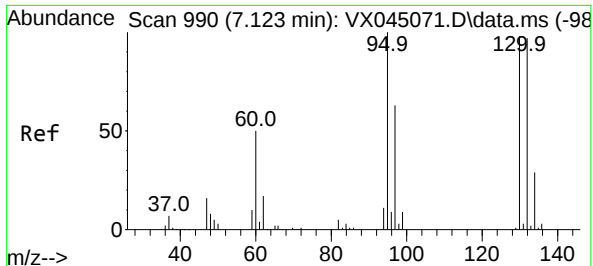
Tgt Ion:114 Resp: 133271
Ion Ratio Lower Upper
114 100
63 23.5 0.0 41.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 54.569 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

Tgt Ion:113 Resp: 48629
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 16.8 14.3 21.5

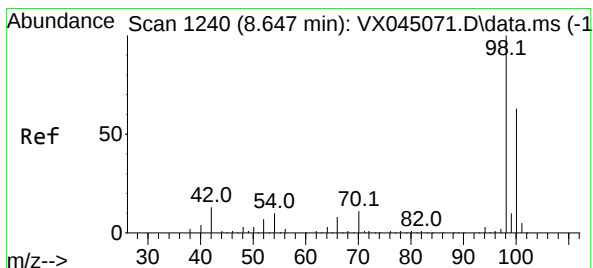
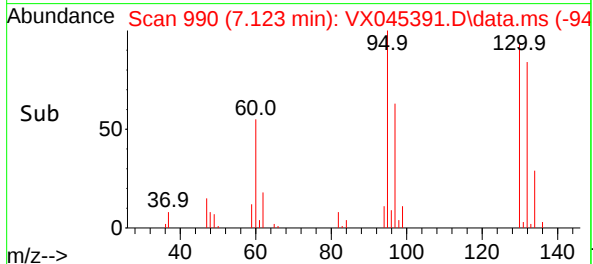
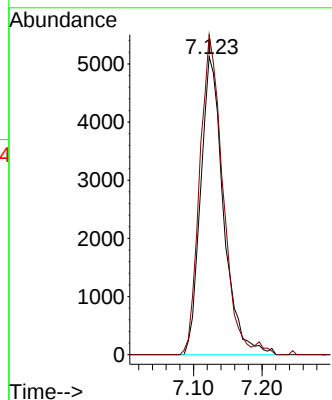
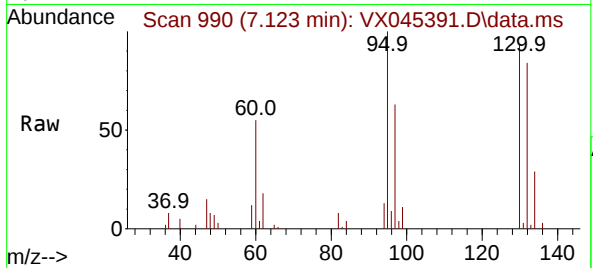




#44
Trichloroethene
Concen: 13.123 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

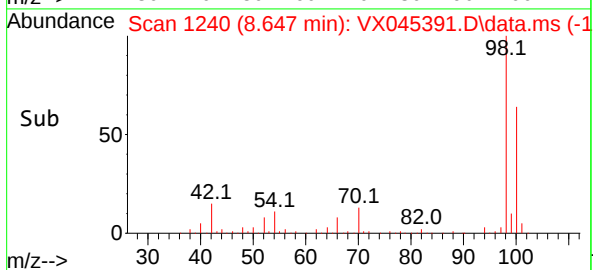
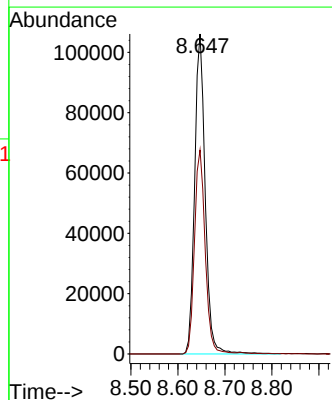
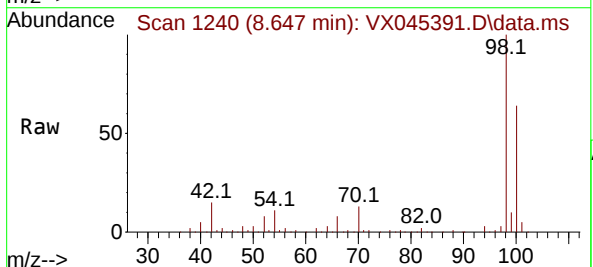
Instrument :
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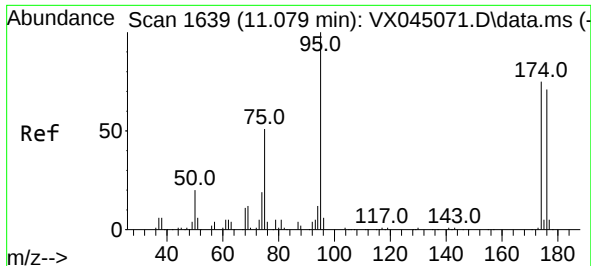
Tgt Ion:130 Resp: 11892
Ion Ratio Lower Upper
130 100
95 107.4 0.0 205.0



#50
Toluene-d8
Concen: 51.618 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

Tgt Ion: 98 Resp: 166764
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 53.151 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045391.D

Acq: 21 Mar 2025 16:25

Instrument :

MSVOA_X

ClientSampleId :

TT191D1-20250314

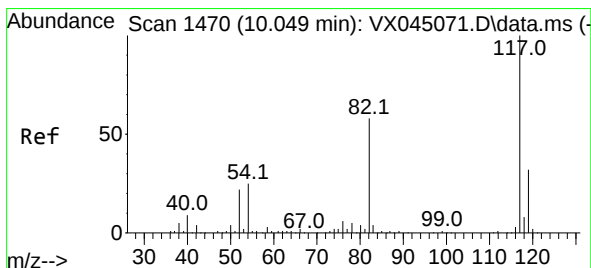
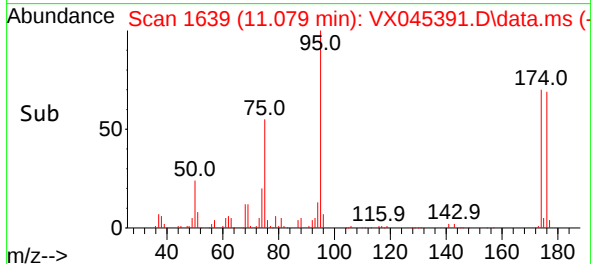
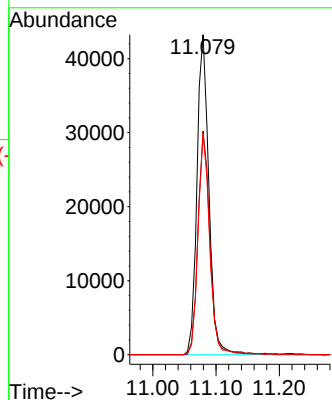
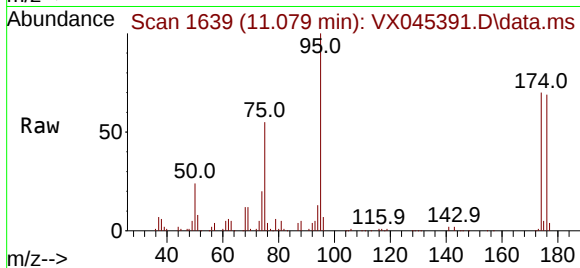
Tgt Ion: 95 Resp: 56902

Ion Ratio Lower Upper

95 100

174 69.5 0.0 148.2

176 67.5 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045391.D

Acq: 21 Mar 2025 16:25

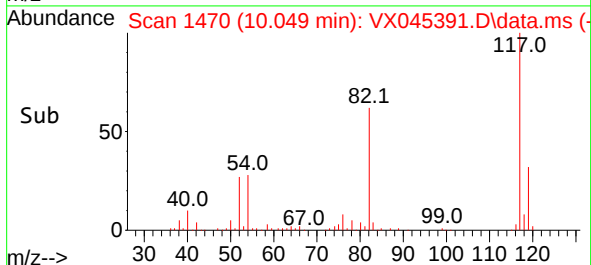
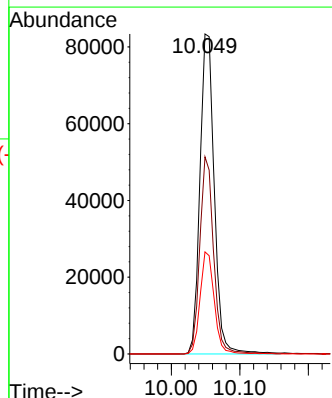
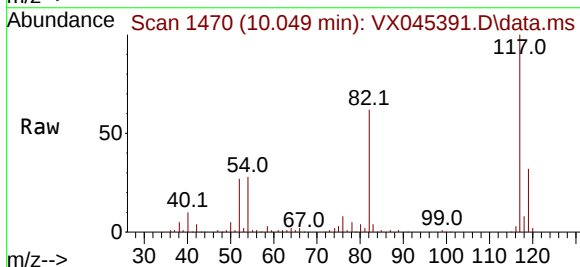
Tgt Ion: 117 Resp: 121816

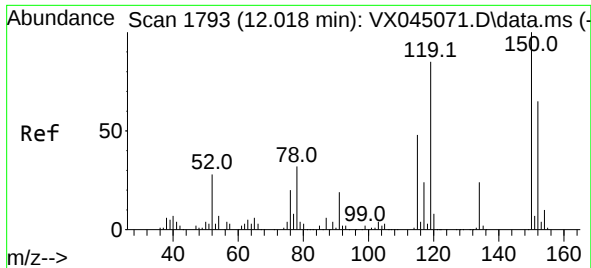
Ion Ratio Lower Upper

117 100

82 61.6 46.3 69.5

119 31.9 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045391.D

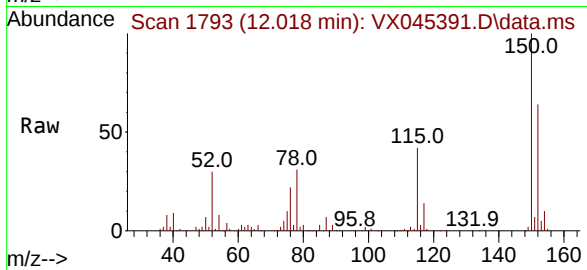
Acq: 21 Mar 2025 16:25

Instrument :

MSVOA_X

ClientSampleId :

TT191D1-20250314



Tgt Ion:152 Resp: 46699

Ion Ratio Lower Upper

152 100

115 64.8 44.2 132.6

150 158.6 0.0 349.0

